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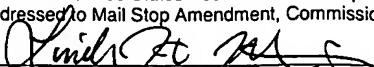
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By:


Linda H. Matsumi

PATENT

Customer No. 22,852

Attorney Docket No. 07705.0001-01000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brian ZAMBROWICZ et al.

Application No.: 10/797,613

Filed: March 9, 2004

For: VECTORS FOR GENE
MUTAGENESIS AND GENE
DISCOVERY

)
)
) Group Art Unit: 1632
)
) Examiner: Shin Lin CHEN
)
)
) Confirmation No.: 3971
)
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MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE

Applicants now respond to the Office Action mailed July 19, 2006. The period for reply has been extended three months by the Petition for Three Month Extension of Time and fee payment filed concurrently herewith. Applicants respectfully request reconsideration and withdrawal of all outstanding rejections. Please enter the following amendments:

Amendments to the Specification begin at page 3.

Amendments to the Claims begin at page 8.

Remarks begin at page 14.

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Attachments to this amendment include: (1) Gossler et al., "Transgenesis by means of blastocyst-derived embryonic stem cell lines," *Proc. Natl. Acad. Sci. USA* 83:9065-9069 (1986); (2) Hawkins et al. (1996) "Inactivation of p53 enhances sensitivity to multiple chemotherapeutic agents." *Cancer Res.* 56:892-898; (3) Link et al. (1996) "Cardiovascular regulation in mice lacking alpha2-adrenergic receptor subtypes b and c." *Science* 273:803-805; (4) Jones et al. (2005) "Promotion of mammary cancer development by tamoxifen in a mouse model of Brca-1-mutation-related breast cancer." *Oncogene* 24(22):3554-62; and (5) Declaration of Brian Zambrowicz, Glenn A. Friedrich, and Arthur T. Sands under 37 C.F.R. § 1.132 (2 signed copies).